

07/323,665



UNITED STATES DEPARTMENT OF COMMERCE

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07/323,665	04/24/89	REDDY	V IGHETERODIME

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EXAMINER	
WANG, G	
ART UNIT	PAPER NUMBER
15	
DATE MAILED:	

EXAMINER INTERVIEW SUMMARY RECORD

09/06/91

All participants (applicant, applicant's representative, PTO personnel):

- (1) Roger L. Browdy (3) _____
 (2) Gian Wang (4) _____

Date of interview 8/15/91Type: Telephonic Personal (copy is given to applicant applicant's representative).Exhibit shown or demonstration conducted: Yes No. If yes, brief description: _____Agreement was reached with respect to some or all of the claims in question. was not reached.Claims discussed: noneIdentification of prior art discussed: none

Description of the general nature of what was agreed to if an agreement was reached, or any other comments: _____

- (1). Applicants agree to fax a copy of claims in the instant application.
 (2). Applicants agree to send in the missing prior art.

(A fuller description, if necessary, and a copy of the amendments, if available, which the examiner agreed would render the claims allowable must be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be attached.)

Unless the paragraphs below have been checked to indicate to the contrary, A FORMAL WRITTEN RESPONSE TO THE LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW (e.g., items 1-7 on the reverse side of this form). If a response to the last Office action has already been filed, then applicant is given one month from this interview date to provide a statement of the substance of the interview.

 It is not necessary for applicant to provide a separate record of the substance of the interview. Since the examiner's interview summary above (including any attachments) reflects a complete response to each of the objections, rejections and requirements that may be present in the last Office action, and since the claims are now allowable, this completed form is considered to fulfill the response requirements of the last Office action.

Examiner's Signature

CLAIMS IN REDDY-1.1. U.S.S.N. 07/323,665

16. A mammalian cell comprising a transformed cell transformed by at least a first expression vector, said transformed cell being capable of producing a biologically active heterodimeric human fertility hormone comprised of an alpha subunit and a beta subunit, each said subunit being encoded in nature by a distinct mRNA, said hormone being human FSH, the alpha subunit of said hormone being encoded by said first expression vector and the beta subunit of said hormone being encoded by said first expression vector or by a second expression vector by which said transformed cell is also transformed, or progeny of said transformed cell containing the genetic information imparted by said vector or vectors.

18. A mammalian cell in accordance with claim 16, said second expression vector being autonomously replicating.

19. A mammalian cell in accordance with claim 16, said second first vector being a plasmid.

20. A mammalian cell in accordance with claim 16, the alpha and beta subunits of said heterodimeric hormone being encoded by said first expression vector.

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A. FRED STAROBINTELEFAX CONTROL SHEET

SENT TO: Examiner Wang
DATE SENT: 8/15/91
SUBJECT: Reddy et al v 99 - 07/323,665

No. of pages (including this cover sheet): 3

cont. hr. Roger L. Browdy

In re USSN 07/323,665

22. A mammalian cell in accordance with claim 16, said cell being a mouse cell.

23. A mammalian cell in accordance with claim 16, said first expression vector being autonomously replicating.

24. A method for producing the biologically active human fertility hormone FSH comprising culturing host mammalian cells in accordance with claim 26 in which said first expression vector encodes the alpha subunit of said FSH and said second expression vector encodes the beta subunit of said FSH.

25. The method of claim 24, wherein each said expression vector is autonomously replicating.

26. A mammalian cell in accordance with claim 16, wherein said beta subunit is encoded by a second expression vector, distinct from said first expression vector, said transformed cell also being transformed by said second expression vector.

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CLAIMS IN REDDY=1.1. U.S.S.N. 07/323,665

16. A mammalian cell comprising a transformed cell transformed by at least a first expression vector, said transformed cell being capable of producing a biologically active heterodimeric human fertility hormone comprised of an alpha subunit and a beta subunit, each said subunit being encoded in nature by a distinct mRNA, said hormone being human FSH, the alpha subunit of said hormone being encoded by said first expression vector and the beta subunit of said hormone being encoded by said first expression vector or by a second expression vector by which said transformed cell is also transformed, or progeny of said transformed cell containing the genetic information imparted by said vector or vectors.

18. A mammalian cell in accordance with claim 16, said second expression vector being autonomously replicating.

19. A mammalian cell in accordance with claim 16, said second first vector being a plasmid.

20. A mammalian cell in accordance with claim 16, the alpha and beta subunits of said heterodimeric hormone being encoded by said first expression vector.

21. A mammalian cell in accordance with claim 16, transcription of the alpha and beta subunits of said heterodimeric hormone being under the control of the mouse metallothionein promoter.

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Reddy et al v 591 07/323 665

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Sent by:

Roger L - Browdy

Remarks:

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